What is claimed is:

1. A method for generating a document, comprising:

inserting one or more placeholders in the document;

binding each placeholder to a content source;

compiling the placeholders into code to generate content for the document based on the content source; and

executing the code to generate the content and presenting the content of the document if in a presentation mode or restoring the placeholder if in an edit mode.

2. The method in claim 1, further comprising formatting the placeholders.

3. The method of claim 1, further comprising annotating the placeholders.

4. The method of claim 1, wherein executable code is generated from the annotations to retrieve the content.

5. The method of claim 1, further comprising rendering the page based on the content.

6. The method of claim 1, where in the generating executable codes further comprises compiling code to obtain content from a database.

7. The method of claim 1, further comprising embedding the code as attributes in the placeholder.

8. The method of claim 1, wherein the placeholder is a mark-up element.

9. The method of claim 8, wherein the mark-up element is an HTML element.

10. The method of claim 8, wherein the mark-up element is an XML element

11. The method of claim 1, further comprising specifying a content insertion based on the placeholder, each placeholder having a representative content.

12. The method of claim 11, further comprising using the formatting, styling, or layout of the representative content of the placeholder to format, style, or layout the content.

13. A method for generating a document, comprising:

inserting one or more placeholders in the document;

binding each placeholder to a content source; and

interpreting the placeholders and presenting the content of the document if in a presentation mode or restoring the placeholder if in an edit mode.

14. The method of claim 13, wherein each placeholder includes an annotation describing the content for the placeholder, further comprising reading the annotation that describe the content to replace the placeholder.

15. The method of claim 13, further comprising retrieving the content as interpreted by the annotations.

16. The method of claim 13, wherein each placeholder is formatted, further comprising formatting the content to match the format of the placeholder.

17. The method of claim 13, further comprising

interpreting the layout; and

replacing the content in lieu of the placeholder when rendering the document.

18. The method of claim 13, further comprising rendering the content for viewing.

19. The method of claim 18, wherein the content is displayed in lieu of the placeholder.

20. The method of claim 13, further comprising embedding the code as attributes in the placeholder.

21. The method of claim 13, further comprising restoring the placeholder when the designer edits the document in an edit mode.

22. The method of claim 21, further comprising storing metadata for the placeholder as a comment field in the document.

23. A method for processing a document, comprising:

inserting one or more mark-up elements in the document;

binding the mark-up elements to one or more content sources;

retrieving data from the bound one or more content sources and replacing the mark-up elements with the retrieved data during run-time; and

restoring the mark-up elements during an edit session.

24. The method of claim 23, further comprising updating a markup language document during run-time based on an original layout and content generated on-the-fly.

25. The method of claim 24, wherein the content replaces the placeholder.

26. A method for generating a document having one or more mark-up elements, each elements being bound to a content source, the method comprising:

specifying one or more parameters;

retrieving data satisfying the one or more parameters from the bound content source;

replacing the mark-up elements with the retrieved data; and

displaying the document.

27. Computer readable medium for generating a document, comprising instructions to:

insert one or more placeholders in the document;

bind each placeholder to a content source;

compile the placeholders into code to generate content for the document based on the content source; and

execute the code to generate the content and presenting the content of the document if in a presentation mode or restoring the placeholder if in an edit mode.

28.   Computer readable medium for generating a document, comprising instructions to:

insert one or more placeholders in the document;

bind each placeholder to a content source; and

interpret the placeholders and present the content of the document if in a presentation mode or restoring the placeholder if in an edit mode.

29.   Computer readable medium for processing a document, comprising instructions to:

insert one or more mark-up elements in the document;

bind the mark-up elements to one or more content sources;

retrieve data from the bound one or more content sources and replacing the mark-up elements with the retrieved data during run-time; and

restore the mark-up elements during an edit session.

30.   Computer readable medium for generating a document having one or more mark-up elements, each elements being bound to a content source, comprising instructions to:

specify one or more parameters;

retrieve data satisfying the one or more parameters from the bound content source;

replace the mark-up elements with the retrieved data; and

display the document.

31.   A system for generating a document, comprising:

a processor;

data storage device coupled to the processor;

means for inserting one or more placeholders in the document;

5   means for binding each placeholder to a content source;

means for compiling the placeholders into code to generate content for the document based on the content source; and

means for executing the code to generate the content and presenting the content of the document if in a presentation mode or restoring the placeholder if in an edit mode.